

Early Action Compact Milestone - June 16, 2003  
List of Emission Reduction Strategies Under Consideration  
Bureau of Air Quality – DHEC  
State of South Carolina

Based on stakeholder consultation and taking into consideration resource and political constraints, the following control measures under consideration can be reasonably implemented. It is anticipated these measures under consideration will assist the state of South Carolina in achieving and/or maintaining the 8-hour ozone standard by 2007.

Measure under Consideration	Description of measure (A more detailed description will be included in the Early Action Plan.)	Estimate of emission reductions (if available)	Proposed date for implementation	Geographic area and/or local government
Ozone Forecast/Outreach and Education	The Division of Emissions, Modeling and Support develops a forecast for the 8-hour ozone standard. The forecast is for four areas within South Carolina. These areas include the Upstate, Central Midlands, Central Savannah River and Pee Dee. The Catawba area, including Chester, Lancaster and York counties is included in North Carolina's forecast through a cooperative partnership. A link for the Catawba forecast is included on DHEC's website. This year, 2003, is the first year that South Carolina will be forecasting for the Pee Dee area. The Division of Air Planning, Development and Outreach is responsible for disseminating the ozone forecast to interested individuals and groups across the state, primarily during the summer months. The forecast serves as a public health advisory to protect those persons who are most at risk to the effects of ozone.	<i>Not available</i>	May 2003	Forecast Areas: Upstate area - Anderson, Oconee, Pickens, Greenville, Abbeville, Laurens, Greenwood, Spartanburg, Cherokee, and, Union counties.  Central Midlands area – Newberry, Fairfield, Kershaw, Lexington, Richland, Calhoun, Kershaw, and, Sumter.  Central Savannah River area – Allendale, Barnwell, Aiken, Saluda, Edgefield, and, McCormick.  Pee Dee area – Lee, Darlington, Florence, and, Chesterfield

Refer to the June 2003 Progress Reports submitted by individual areas for additional activities.

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Support activities implemented by local areas participating in the EAC	<p>SC has been and will continue to assist local areas in determining the emission reduction strategies that will assist the area in achieving emission reductions needed for attaining and maintaining the 8-hour ozone standard within their respective area.</p> <p>The Division of Air Planning, Development and Outreach has developed a Resource Guide for Air Quality Improvement that contains useful information to assist counties in planning for cleaner air sooner. This guide is a work-in-progress in which DHEC will continue to search for new information and ask that any information gathered and/or found by counties be shared so that it can be added and used for the benefit of everyone. This guide consists of informational text, pamphlets, hand-outs, useful websites, and other resources that will serve as a tool for county planning.</p> <p>Fact sheets have either been developed or revised to assist with understanding ozone, ozone monitoring and the ozone design value. The following fact sheets are included as Attachment 17:</p> <p><i>Frequently Asked Questions About Ambient Air Monitoring in South Carolina;</i>  <i>25 Things You Can Do for Cleaner Air;</i>  <i>Ground-Level Ozone Fact Sheet;</i>  <i>Particular Matter Fact Sheet;</i>  <i>Things You Can Do At Home for Clean Air;</i>  <i>Employee Activities on Ozone Action Days;</i>  <i>Fleet Maintenance Activities During Ozone Season;</i>  <i>Industrial Activities During Ozone Season; and,</i>  <i>On the Road.</i></p>	Not available	January 2003	Statewide

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	Forms for the milestones have been developed by the Division and provided to the participating areas to assist with the reporting aspect of the EAC. These forms were approved by EPA and were shared with other states involved in the EAP process.			
Open Burning	Revise the existing state regulation (R.61-62.2, Prohibition of Open Burning) to reduce statewide NOx/PM/CO emissions.	Not available	Promulgation will occur by June 2004. Implementation expected by 2005.	Statewide
South Carolina NOx Control Regulation	This proposed regulation is designed to help control the growth of NOx emissions statewide and focuses on sources currently not subject to NOx control requirements. This proposed regulation would apply to new NOx sources but would exempt units that are regulated by other NOx regulations with equivalent requirements.	Not available	Promulgation will occur by June 2004. Implementation expected by 2005.	Statewide
CAIGE	Develop, implement and market a plan for reducing ground-level ozone precursors by state government.	Voluntary efforts	April 2005	Statewide
Smart Highways	A plan to ensure transportation plans, programs and projects consider statewide and local air quality goals. Certain aspects of the Transportation Conformity regulations may be incorporated into such a plan.	Not applicable		Statewide
Initiative to reduce NOx emissions from large facilities within South Carolina	Staff within the Bureau of Air Quality, have met with some of the "larger" facilities in South Carolina to negotiate NOx emissions through the permitting process.	Not available	April 2005	Statewide

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